

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WK2XZG

(Call Sign)

0361-EX-CN-2020

(File Number)

NAME Raytheon SAS

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Gray Butte Airfield, within 40 km, centered around NL 34-33-59; WL 117-40-13
- (2) MOBILE: Maritime Test 1, within 100 km, centered around NL 34-07-00; WL 121-39-00
- (3) MOBILE: Maritime Test 2, within 110 km, centered around NL 33-23-00; WL 120-08-00
- (4) MOBILE: Maritime Test 3, within 90 km, centered around NL 32-36-00; WL 118-12-00

Frequency Information

MOBILE: Gray Butte Airfield, within 40 km, centered around NL 34-33-59; WL 117-40-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9600 MHz	MO		121.374 MW (ERP)	
		560KP0N		
		2M10P0N		
		2M70P0N		
		3M00P0N		
		8M00P0N		
		18M4Q1N		
		80M0Q3N		
		206MQ3N		
		7M21Q1N		

This authorization effective May 22, 2020 and
will expire 3:00 A.M. EST April 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Maritime Test 1, within 100 km, centered around NL 34-07-00; WL 121-39-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9600 MHz	MO	560KP0N 2M10P0N 2M70P0N 3M00P0N 8M00P0N 18M4Q1N 80M0Q3N 206MQ3N 7M20Q1N	121.374 MW (ERP)	

MOBILE: Maritime Test 2, within 110 km, centered around NL 33-23-00; WL 120-08-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9600 MHz	MO	560KP0N 2M10P0N 2M70P0N 3M00P0N 8M00P0N 18M4Q1N 80M0Q3N 206MQ3N 7M20Q1N	121.374 MW (ERP)	

MOBILE: Maritime Test 3, within 90 km, centered around NL 32-36-00; WL 118-12-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9600 MHz	MO	560KP0N 2M10P0N 2M70P0N	121.374 MW (ERP)	

Frequency Information

MOBILE: Maritime Test 3, within 90 km, centered around NL 32-36-00; WL 118-12-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9600 MHz	MO	3M00P0N 8M00P0N 18M4Q1N 80M0Q3N 206MQ3N 7M20Q1N	121.374 MW (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Stop Buzzer:
Primary: Phil Markowitz (760) 885-9014.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.